

HB-115



Cutting & Wear Resistance

Impact & Toughness

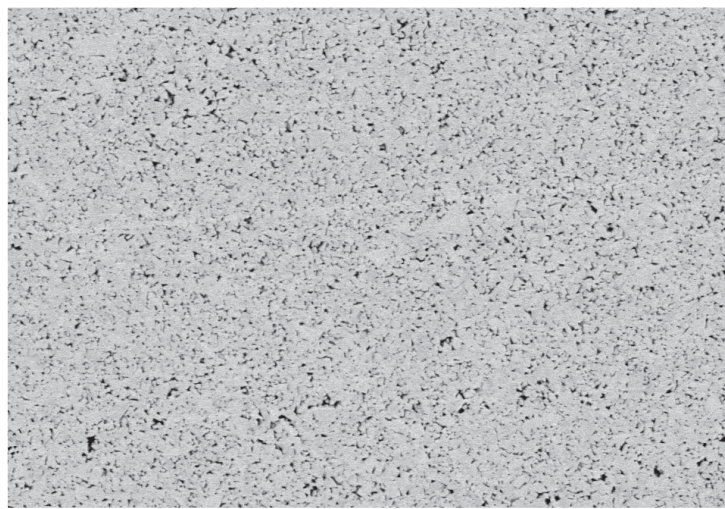


Grade HB-115 features a submicron grain, with extremely high strength and toughness. The high wear, and low to medium impact resistance allows for a suitable grade selection in a range of cutting tool applications.

Included are dies, knives, punches, rough tools, EDM blanks, crush rolls, form rolls, and coining dies.

HB-115 is well suited for:

- Shock-resistance applications
- Impact punches
- Punches and ejector pins
- Roughing, shearing applications



Grade HB-115 submicron grain, 85/15 (carbide / cobalt %) for broad range tool making.

Composition

Tungsten Carbide
Cobalt

WC 85%
Co 10%

Microstructure Grain Size (ASTM B-390)

0.8 μm

Hardness Rockwell A (ASTM B-294)

90.00

Transverse Rupture Strength (ASTM B-406)

610,000 PSI

Density (ASTM B-311)

14.5

Manufactured in preforms, altered and standard blank designs